

Base from USGS Sleetmute (1954) Quadrangle, Alaska

Digital cartography by R.L. Smith, D.S.P. Stevens, and A.G. Sturmann, DGS



DERIVATIVE GEOLOGIC-MATERIALS MAP OF PROPOSED TRANSPORTATION CORRIDORS
IN THE SLEETMUTE QUADRANGLE, ALASKA

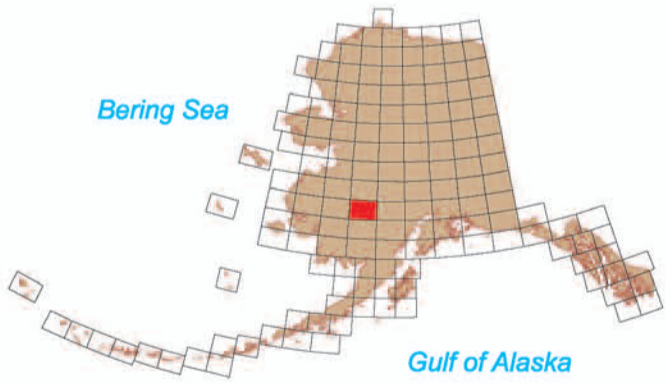
compiled by
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DESCRIPTION OF MAP UNITS

- UNCONSOLIDATED DEPOSITS
- GM** Chiefly (estimated greater than 80%) clean sand and gravel. Rare oversized material. Includes GW and GP (Unified Soil Classification).
 - OS** Mixed coarse and fine material. Estimated 20-80% coarse, granular deposits with considerable oversized material. Includes GM and GC (Unified Soil Classification).
 - SM** Chiefly fine materials. Estimated greater than 80% sand, silt, and clay. Includes SM, SC, ML, MH, CL, and CH (Unified Soil Classification).
 - OR** Chiefly organic materials. Estimated greater than 50% peat, organic sand, or organic silt. Includes Pt (Unified Soil Classification).
- BEDROCK
- BC** Medium-jointed, fine- to coarse-grained sedimentary carbonate rocks and their metamorphic equivalents. May be deeply weathered.
 - BG** Coarse-jointed, coarse-grained igneous lithologies. May be deeply weathered.
 - BV** Medium-jointed, fine-grained igneous rocks and their metamorphic equivalents. May be deeply weathered.
 - BU** Undifferentiated bedrock lithologies. May be deeply weathered.

MAP SOURCES

- Decker, John, Robinson, M.S., Murphy, J.M., Reifenstahl, R.R., and Albanese, M.D., 1984, Geologic map of the Sleetmute A-6 Quadrangle, Alaska: Alaska Division of Geological & Geophysical Surveys Report of Investigations 84-8, scale 1:40,000, 1 sheet.
- Miller, M.L., Belkin, H.E., Blodgett, R.B., Bundtzen, T.K., Cady, J.W., Goldfarb, R.J., Gray, J.E., McGinnis, R.G., and Simpson, S.L., 1989, Pre-field study and mineral resource assessment of the Sleetmute Quadrangle, southwestern Alaska: U.S. Geological Survey Open-file Report 89-363, 115 p., scale 1:250,000, 3 sheets.
- Reger, R.D., 1992 map interpretation.
- Reifenstahl, R.R., Robinson, M.S., Smith, T.E., Albanese, M.D., and Allegro, G.A., 1984, Geologic map of the Sleetmute B-6 Quadrangle, Alaska: Alaska Division of Geological & Geophysical Surveys Report of Investigations 84-12, scale 1:40,000, 1 sheet.
- Robinson, M.S., Decker, John, Reifenstahl, R.R., Murphy, J.M., and Box, S.E., 1984, Geologic map of the Sleetmute B-5 Quadrangle, Alaska: Alaska Division of Geological & Geophysical Surveys Report of Investigations 84-10, scale 1:40,000, 1 sheet.
- Waythomas, C.F., 1990, Quaternary geology and late Quaternary environments of the Hollina lowland and Chulituk-Kiokuk Mountains region, interior southwestern Alaska: Boulder, University of Colorado PhD dissertation, 268 p., scale 1:63,360, 1 sheet.



Location map for Sleetmute Quadrangle

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